



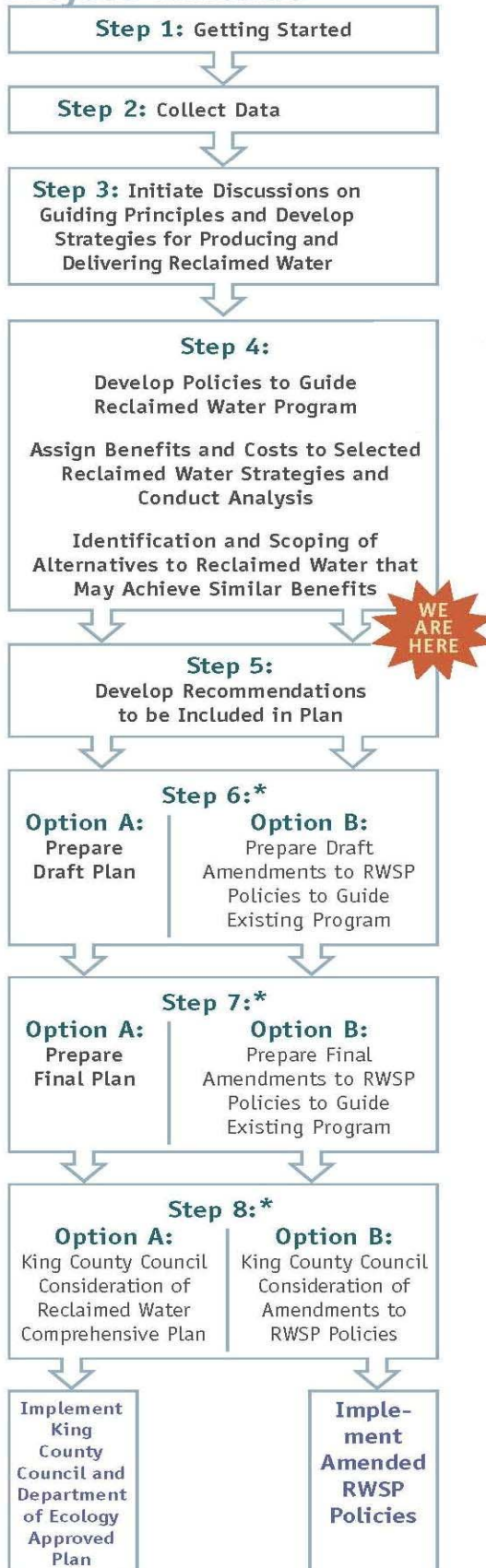
## King County

Department of Natural Resources and Parks  
Wastewater Treatment Division

## RECLAIMED WATER COMPREHENSIVE PLAN

### April 5, 2012 Project Update

#### Project Timeline



King County's Wastewater Treatment Division (WTD) has been engaged in a planning process to determine if, how, when, where and by what funding mechanisms King County should expand its existing reclaimed water program over the next 30 years. Based on the results of analyses, WTD recommends optimizing WTD's investments made to date to deliver reclaimed water and not carry out any further expansion of the County's reclaimed water program.

#### Project Highlights

- WTD planning process recommendation and reclaimed water policies to guide the reclaimed water program now available
- Results of Step 4 of the planning process now available
- Results of identification and scoping of alternatives to reclaimed water that may achieve similar benefits now available

As directed by the King County Council in May 2011, WTD staff has been working to complete the following three tasks as identified in Step 4 of the [reclaimed water planning process](#):

- Develop reclaimed water policies to guide expansion of King County's reclaimed water program
- Conduct engineering, economic and environmental analyses of [three conceptual reclaimed water strategies](#) developed during Step 3 of the planning process
- Identify and scope alternatives to reclaimed water that may achieve similar benefits

#### WTD Recommendation and Reclaimed Water Policies

After reviewing the results of analyses, WTD recommends focusing on investments made to date to deliver the existing capacity of approximately 9.0 mgd of reclaimed water and does not recommend any further expansion of the County's reclaimed water program at this time.

*continued*

The policies state that between 2012 and 2022 WTD will build the reclaimed water program primarily by utilizing available unused capacity within the existing distribution areas surrounding South and Brightwater Treatment Plants to serve additional uses, and will coordinate with area jurisdictions. The policies are based on public comments received on October 2011 draft policies and the analysis of three conceptual reclaimed water strategies. The policies are available at:

[http://your.kingcounty.gov/dnrp/library/wastewater/rw/CompPlan/1203\\_WTD\\_RWRevisedPolicies.pdf](http://your.kingcounty.gov/dnrp/library/wastewater/rw/CompPlan/1203_WTD_RWRevisedPolicies.pdf)

The King County Executive will transmit legislation on the policies to the King County Council later this spring.

### **Reclaimed Water Strategies Analysis**

The three conceptual reclaimed water strategies were developed after WTD took a broad look at potential uses for reclaimed water such as irrigation, industrial processes and augmenting stream flows. The reclaimed water strategies were developed and evaluated for analytical purposes only, and are not recommended for implementation at this time.

Analysis of the strategies evaluated engineering, environmental and economic questions including effects on the regional wastewater system, discharges to Puget Sound, and low flows in streams. The results were factored into the County's economic benefit-cost analysis.

Reports documenting the analyses are available at:

<http://www.kingcounty.gov/environment/wastewater/RWCompPlan/Library.aspx#4aa>

### **Identification and Scoping of Alternatives to Reclaimed Water that Achieve Similar Benefits**

WTD identified a list of alternatives to reclaimed water that could achieve similar benefits. This list provides a basis for comparative evaluation of reclaimed water projects prior to implementation. Conducting a comparative economic evaluation of alternatives to the proposed strategies would be the first step in future project implementation.

To review the alternatives to reclaimed water that could achieve similar benefits visit:

[http://your.kingcounty.gov/dnrp/library/wastewater/rw/CompPlan/1203\\_PotentialAlternativesToReclaimedWater.pdf](http://your.kingcounty.gov/dnrp/library/wastewater/rw/CompPlan/1203_PotentialAlternativesToReclaimedWater.pdf)

**Alternative Formats Available**  
**206-684-1235 TTY Relay: 711**



**King County**

Department of Natural Resources and Parks  
**Wastewater Treatment Division**